

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 05770-156001	Application No. 09/855,312
	Applicant Martin W. Rupich et al.			
	Filing Date May 14, 2001		Group Art Unit 1762	

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>MBC</i>	AA	EP 0 277 020 A	8/3/88	EP	—	—		
<i>MBC</i>	AB	EP 0 301 591 A	2/1/89	EP	—	—		
<i>MBC</i>	AC	EP 0 349 444 A	1/3/90	EP	—	—		
<i>MBC</i>	AD	EP 0 431 813 A	6/12/91	EP	—	—		

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AE	International Search Report PCT/US01/32229 dated 9/21/2002


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U.S. Patent Documents							
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MBC	AA	5,728,214	03/17/98	Konishi et al.	—	—	
MBC	AB	5,964,966	10/12/99	Goyal et al.	—	—	
	AC						
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MBC	AL	WO 01/98076	12/27/01	WIPO	—	—	Yes	No
	AM							
	AN							
	AO							
	AP							

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<i>MBC</i>	AA	4,859,652	08/22/89	Block	—	—	
<i>MBC</i>	AB	4,882,312	11/21/89	Mogro-Campero et al.	—	—	
<i>MBC</i>	AC	4,956,340	09/11/90	Kimura et al.	—	—	
<i>MBC</i>	AD	4,959,347	09/25/90	Kobayashi et al.	—	—	
<i>MBC</i>	AE	4,994,435	02/19/91	Shiga et al.	—	—	
<i>MBC</i>	AF	5,229,358	07/20/93	Kumar	—	—	
<i>MBC</i>	AG	5,236,890	08/17/93	Murakami et al.	—	—	
<i>MBC</i>	AH	5,304,533	04/19/94	Kobayashi et al.	—	—	
<i>MBC</i>	AI	5,427,055	06/27/95	Ichikawa	—	—	
<i>MBC</i>	AJ	5,484,766	01/16/96	Shah et al.	—	—	
<i>MBC</i>	AK	5,571,603	11/05/96	Utumi et al.	—	—	
<i>MBC</i>	AL	5,958,599	09/28/99	Goyal et al.	—	—	
<i>MBC</i>	AM	5,981,445	11/09/99	Kirchnerova et al.	—	—	
<i>MBC</i>	AN	6,022,832	02/08/00	Fritzscheier et al.	—	—	
<i>MBC</i>	AO	6,077,344	06/20/00	Shoup et al.	—	—	
<i>MBC</i>	AP	6,172,009	01/09/01	Smith et al.	—	—	
<i>MBC</i>	AQ	6,256,521	07/03/01	Lee et al.	—	—	

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<i>MBC</i>	AS	G. Moore et al., "Sol-Gel Processing of $Y_1Ba_2Cu_3O_{7-x}$ Using Alkoxide Precursors: Two Systems Yielding High Degrees of Thin Film Orientation and Crystal Growth", <i>Materials Letters</i> , Vol. 7, No. 12, March 1989, pp. 415-424
<i>MBC</i>	AT	M.W. Rupich et al., "Synthesis of Superconductors from Soluble Metal Oxo Alkoxide Precursors", <i>J. Mater. Res.</i> , Vol. 8, No. 7, July 1993, pp. 1487-1496

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<i>MBP</i>	AB	6,172,009	01/09/01	Smith et al.	—	—	
<i>MBP</i>	AC	6,256,521	07/03/01	Lee et al.	—	—	
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MBC	AY	WO 91/16149	10/31/91	WIPO	—	—		
MBC	AZ	WO 92/05591	04/02/92	WIPO	—	—		
MBC	AAA	WO 97/05669	02/13/97	WIPO	—	—		
MBC	ABB	WO 98/58415	12/23/98	WIPO	—	—		
MBC	ACC	WO 99/16941	04/08/99	WIPO	—	—		
MBC	ADD	WO 99/17307	04/08/99	WIPO	—	—		
MBC	AEE	WO 99/25908	05/27/99	WIPO	—	—		
	APT	WO 99/35083	07/15/99	WIPO				

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MBC	AGG	Apicella, M.L. et al., "The Effects of Surface Contamination on the Biaxially Textured Substrate for YBCO Thick Film Deposition", <i>International Journal of Modern Physics B</i> , Vol. 13, Nos. 9&10 (1999) 997-1004
MBC	AHH	Beach et al., "Sol-Gel Synthesis of Rare Earth Aluminate Films as Buffer Layers for High Te Superconducting Films", <i>Mat. Res. Soc. Symp. Proc.</i> , Vol. 495, (1998), p. 263-270
MBC	AII	Boffa V. et al., "Laser-ablation deposition of CeO ₂ thin films on biaxially textured nickel substrates", <i>Physica C</i> , Vol. 312, (1999), pp. 202-212
MBC	AJJ	Gupta et al., "Superconducting oxide films with high transition temperature prepared from metal trifluoroacetate precursors", <i>320 Applied Physics Letters</i> , Vol. 52, (1988) pp. 2077-2079
MBC	AKK	IBM Technical Disclosure Bulletin, "Fabrication of High Temperature Superconducting Films Using Perfluoro-Organometallic Precursors", Vol. 32, No. 5B, October 1989, p. 241
	ALL	Koster et al., "Influence of the Surface Treatment on the Homoepitaxial Growth of SrTiO ₃ ", <i>Materials Science & Engineering B56</i> , (1998) p. 209-212
MBC	AMM	Lee et al., "Alternative Buffer Architectures for High Critical Current Density YBCO Superconducting Deposits on Rolling Assisted Biaxially-Textured Substrates", <i>Japanese J. Appl. Phys.</i> , Vol. 38, (1999), L178-L180
MBC	ANN	McIntyre, Paul C. et al., "Epitaxial nucleation and growth of chemically derived Ba ₂ YCu ₃ O _{7-x} thin films on (001) SrTiO ₃ ", <i>Journal of Applied Physics</i> , 77 (1995), pp. 5263-5272
MBC	AOO	McIntyre, Paul C. et al., "Effect of growth conditions on the properties and morphology of chemically derived epitaxial thin films of Ba ₂ YCu ₃ O _{7-x} on (001) LaAlO ₃ ", <i>J. Appl. Phys.</i> , Vol. 71, No. 4, February 15, 1992, pp. 1868-1877
MBC	APP	Paranthaman et al., "Growth of Biaxially Textured RE ₂ O ₃ Buffer Layers on Rolled-Ni Substrates Using Reactive Evaporation for HTS-Coated Conductors", <i>Superconductor Sci. Tech.</i> , Vol. 12, (1999), pp. 319-325
MBC	AQQ	Qing He, D.K. et al., "Growth of Biaxially Oriented Conductive LaNiO ₃ Buffer Layers on Textured Ni Tapes for High-T _c -Coated Conductors", <i>Physica C 314</i> (1999) p. 105-111

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MAR	ARR	Qing He, D.K. et al., "Deposition of biaxially-oriented metal and oxide buffer-layer films on textured Ni tapes: new substrates for high-current, high-temperature superconductors", <i>Physica C</i> , Vol. 275 (1997) pp. 155-161
	ASS	Rupich et al., "Growth and Characterization of Oxide Buffer Layers for YBCO Coated Conductors", <i>IEEE Trans. on Appl. Superconductivity</i>, Vol. 9, (1999), pp. 1527-1530
MAR	ATT	Sheth, Atul et al., "Bench Scale Evaluation of Batch Mode Dip-Coating of Sol-Gel LaAlO ₃ Buffer Material", <i>IEEE Transactions on Applied Superconductivity</i> , Vol. 9, No. 2, June 1999, pp. 1514-1518
MAR	AUU	Shoup et al., "Epitaxial Thin Film Growth of Lanthanum and Neodymium Aluminate Films on Roll-Textured Nickel Using a Sol-Gel Method", <i>J. Am. Cer. Soc.</i> , Vol. 81, (1998), pp. 3019-3021
MAR	AVV	"Silicon Processing for the VLSI Era", Vol. 1, eds. S. Wolf and R.N. Tanber, Lattice Press, Sunset Park, CA, pp. 539-574 (1986)
MAR	AWW	Smith, J.A. et al., "High Critical Current Density Thick MOD-Derived YBCO Films", <i>IEEE Transactions on Applied Superconductivity</i> , Vol. 9, No. 2, June 1999, pp. 1531-1534
	AXX	Tanaka et al., "Improvement of Yb₂Cu₃O₇ Single-Crystal Surface by Chemical Etching", <i>Jpn. J. Appl. Phys.</i>, Vol. 38 (1999) p. L731-L733

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